PATENT & TRADEMARK OFFICE
JUN 10 2005
OIPE

FIG. 1A

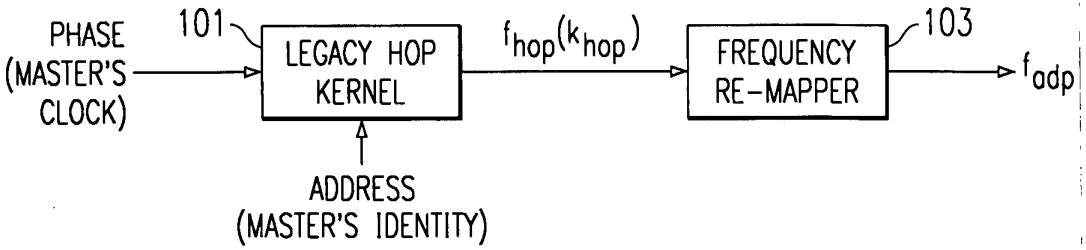


FIG. 1B

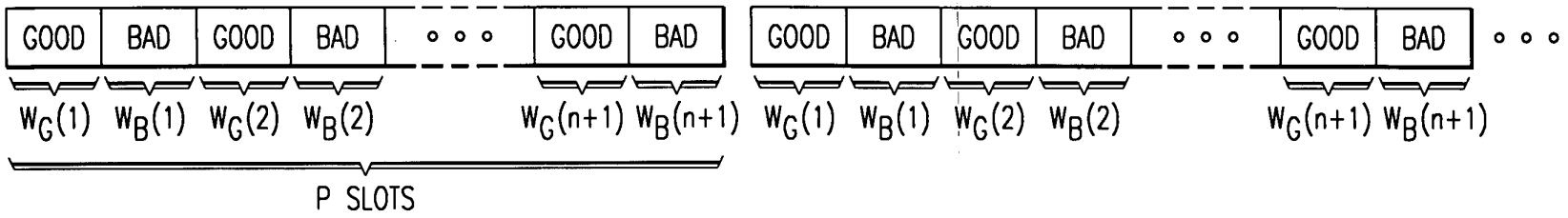
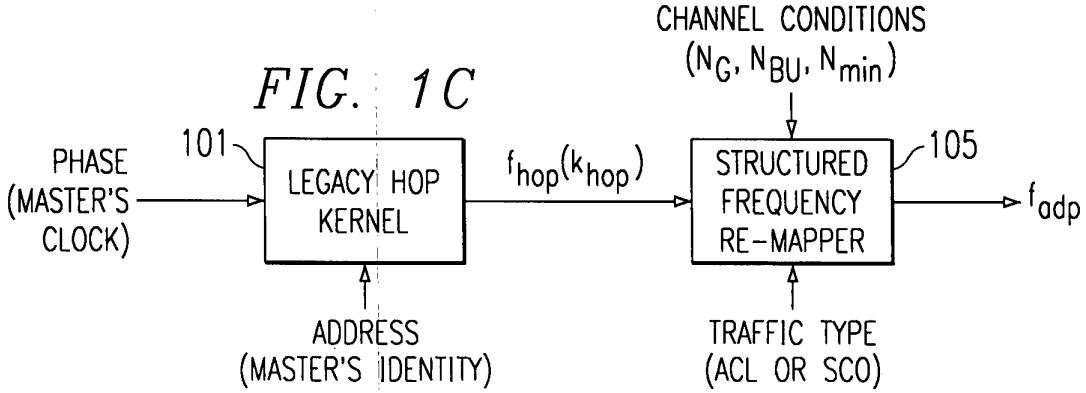


FIG. 1C



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REPLACEMENT SHEET

FIG. 1D

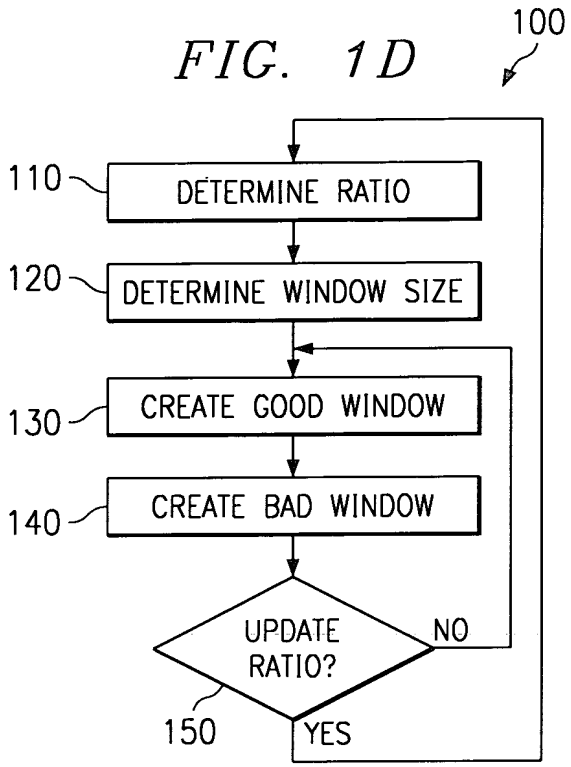
100
110
DETERMINE RATIO
120
DETERMINE WINDOW SIZE
130
CREATE GOOD WINDOW
140
CREATE BAD WINDOW
UPDATE RATIO?
NO
150
YES

FIG. 2

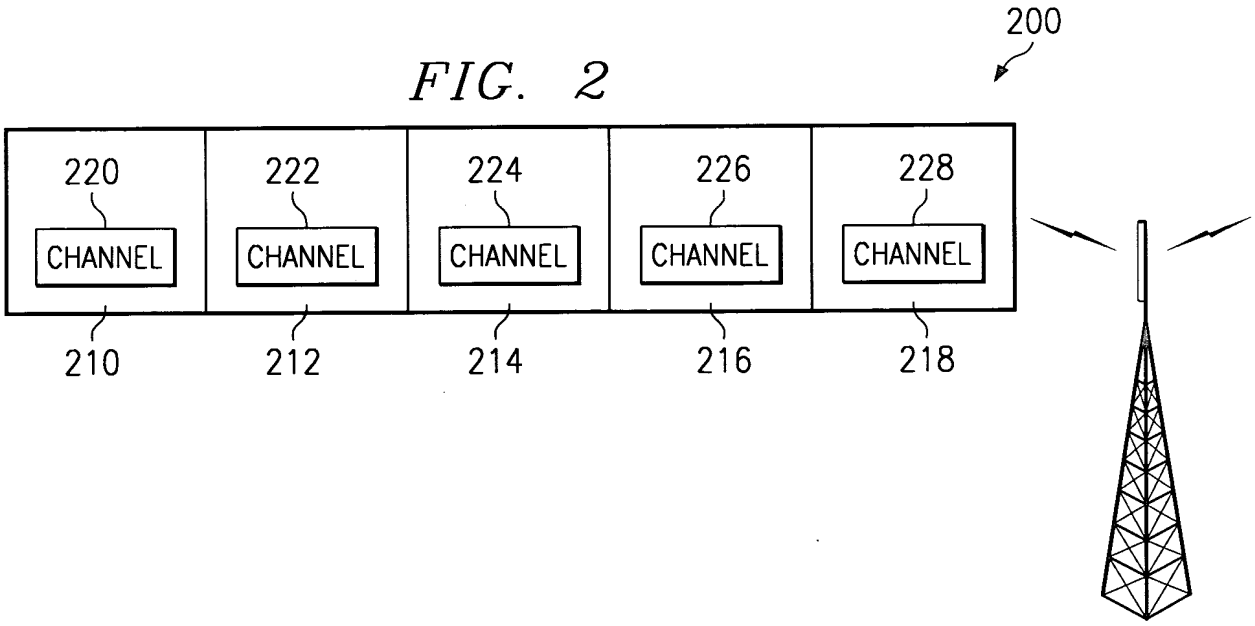
200
220
CHANNEL
222
CHANNEL
224
CHANNEL
226
CHANNEL
228
CHANNEL
210
212
214
216
218

FIG. 3

SIXTEEN CHANNELS
01, 02, 03, 04, 05, **06, 07, 08, 09**, 10, 11, 12, 13, 14, 15, 16

ORIGINAL RANDOM HOPPING SEQUENCE
12, 11, 07, 05, 02, 03, 14, 08, 07, 04, 15, 05, 01, 08, 05, 03, ...

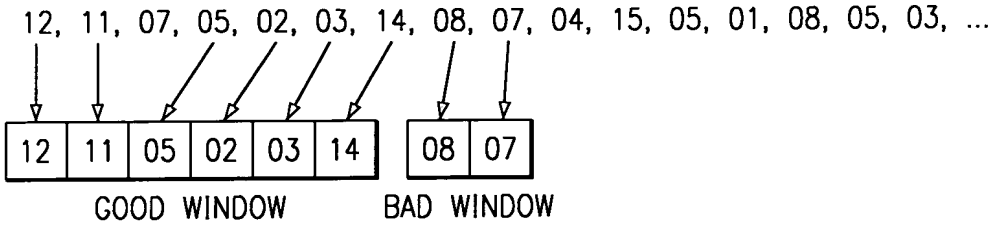

FIG. 4

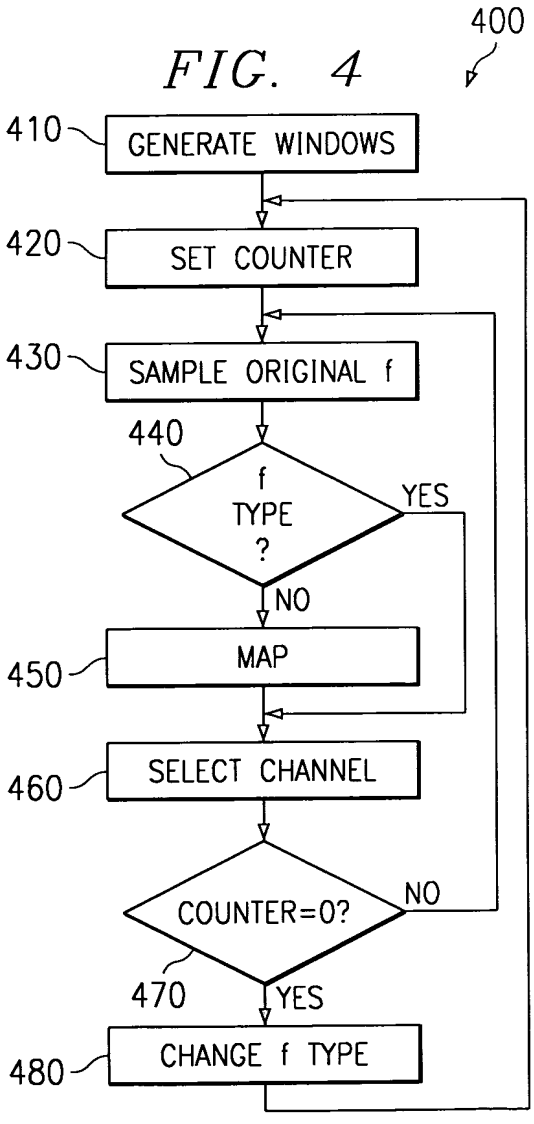

FIG. 5A

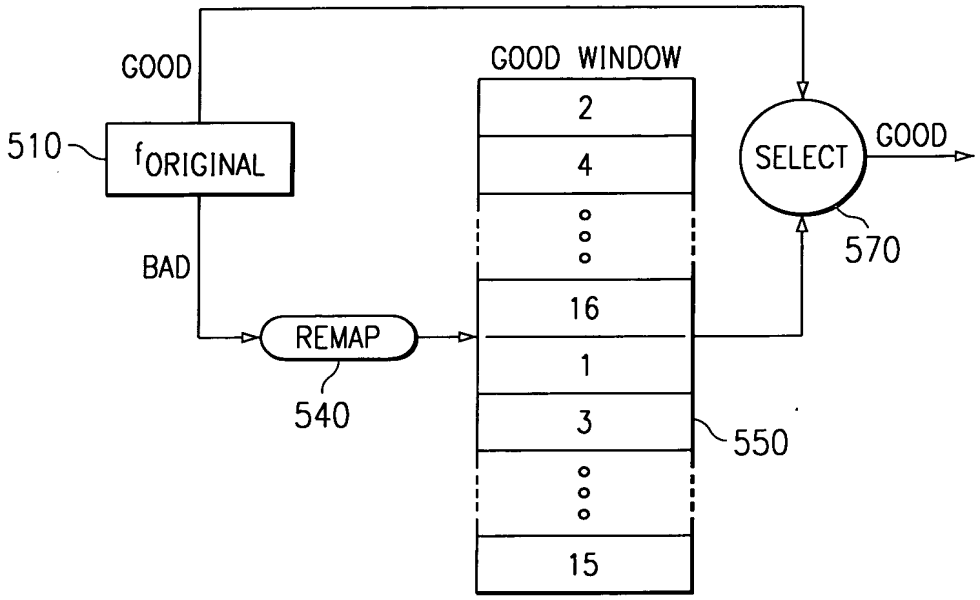

FIG. 5B

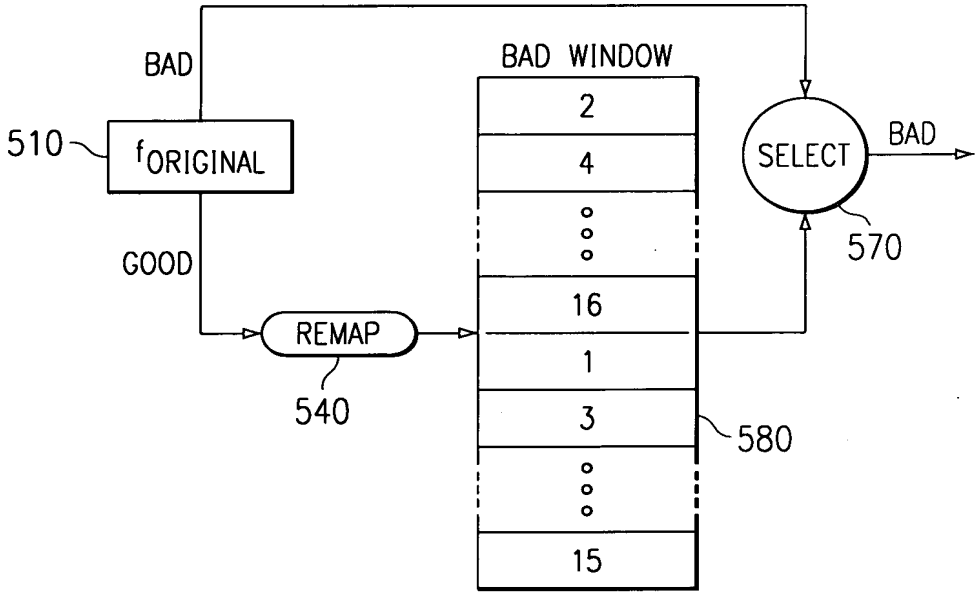

FIG. 6A

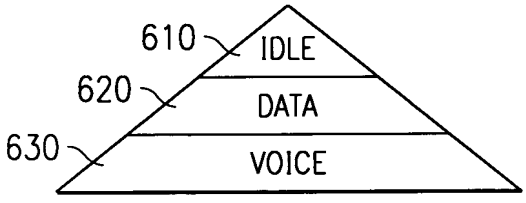
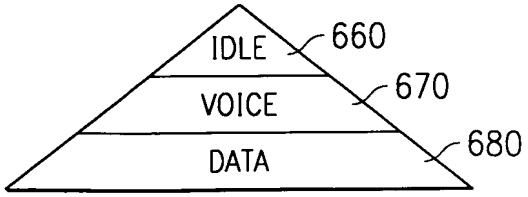
FIG. 6B